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| Journal Name: | **[Journal of Advances in Biology & Biotechnology](https://journaljabb.com/index.php/JABB)** |
| Manuscript Number: | **Ms\_IJPSS\_139401** |
| Title of the Manuscript: | **IMPROVING FRUIT QUALITY AND YIELD IN DAISY MANDARIN (Citrus reticulata) BY FOLIAR APPLICATION OF MANGANESE AND IRON** |
| Type of the Article | **Original Research Article** |

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| **PART 1: Comments** |
|  | **Reviewer’s comment****Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **This manuscript provides valuable insights into the foliar application of manganese and iron on Daisy mandarin, which is of high importance for improving fruit yield and quality in citrus production. The study applies a robust experimental design with diverse treatment combinations, offering scientifically valid data for practical agricultural recommendations. By addressing micronutrient management through precise foliar nutrition, the work supports sustainable and efficient citrus cultivation. These findings could contribute significantly to enhancing citrus productivity under subtropical conditions, benefiting growers****and researchers alike.** |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **It is preferable to shorten the research title as follows :ENHANCING FRUIT YIELD AND QUALITY OF DAISY MANDARIN (CITRUS RETICULATA) THROUGH FOLIAR APPLICATION OF****MANGANESE AND IRON.** |  |
| **Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.** | **The abstract is comprehensive and clear, covering all important aspects of the study. I do not see a need to add or remove any points at this time.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes, the manuscript is scientifically sound, relying on an appropriate methodology and accurate data analysis. The results are clear and supported by scientific evidence.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | **It is recommended to include recent scholarly references that address innovative approaches for improving the quality and yield of citrus crops through the use of micronutrients and advanced foliar application techniques. Furthermore, incorporating contemporary studies on the effects of trace elements under varying climatic and agricultural conditions would enhance the comprehensiveness of the research. Including systematic reviews or empirical investigations on the influence of manganese and iron in other citrus species may further broaden the study’s scope and substantiate its findings.** |  |
| **Is the language/English quality of the article suitable for scholarly communications?** | **The English language quality in the manuscript is generally good** |  |
| **Optional/General** comments | I suggest that the researcher or researchers add the following recent references to strengthen the research findings:1. Mahmood, M. M. and A. F. Al-Dulaimy. 2021. Response of Strawberry cv. Festival to culture media and foliar application of nano and normal micronutrients. IOP Conference Series: Earth and Environmental Science. 904(1): 012067. doi:10.1088/1755-1315/904/1/012067.
2. Jubair, N. A. and A. F. Z. Al-Dulaimy. 2023. Response of date palm cv. Khastawi to foliar spray with micro- elements, gibberellic acid and salicylic acid. IOP Conference Series: Earth and Environmental Science. 1158(4): 042063. doi:10.1088/1755-1315/1158/4/042063.
3. A. F. Z. Al-Dulaimy and O. A. J. Mohammed 2024. Response of Local Sweet Orange transplants to spraying with micronutrients and CPPU. Anbar Journal of Agricultural Sciences., 22(2): 806-823. DOI. 10.32649/ajas.2024.184460.
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| **PART 2:**  |
|  | **Reviewer’s comment** | **Author’s comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?**  | *(If yes, Kindly please write down the ethical issues here in details)* |  |

**Reviewer details:**

**Ahmed Fatkhan Zabar Al-Dulaimy, University of Anbar, Iraq**